

CLAIMS

1. A method in communication between a vehicle (1)
5 travelling along a route (7) and a stationary system (2),
the vehicle (1) being equipped with a communication unit
(3) which communicates messages to the stationary system
(2), c h a r a c t e r i s e d b y
dividing the route (7) into a plurality of partial
10 sections (8),
defining for each partial section (8) a required
information flow from the vehicle, and
adapting the communication to this definition.
- 15 2. A method as claimed in claim 1, further compris-
ing
creating a set of parameters (10) which define when
messages should be sent and/or which contents the mes-
sages should have, and
20 communicating said set (10) to the vehicle (1), so
that the communication unit (3) is capable of adapting
the communication.
3. A method as claimed in claim 1 or 2, further com-
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associating each partial section (8) with one of a
plurality of predetermined classes, which each define an
adaptation of the information flow, and
determining which class the current partial sec-
30 tion is associated with, and adapting the communication
according to this class.
4. A method as claimed in any one of the preceding
claims, wherein the adaptation comprises shifting between
35 time-controlled communication and distance-controlled
communication.

5. A method as claimed in any one of the preceding claims, wherein the adaptation comprises changing a longest time period (T) which is allowed to pass before the next messages are sent.

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6. A method as claimed in any one of the preceding claims, wherein the adaptation comprises changing a fixed longest section along which the vehicle is allowed to travel before the next messages are sent.

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7. A method as claimed in any one of the preceding claims, wherein the adaptation comprises indicating fixed points (a,b,c,d) along the route at which messages are to be sent.

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8. A method as claimed in any one of the preceding claims, wherein the adaptation comprises indicating an event which is to initiate transmission of a message.

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9. A method as claimed in any one of the preceding claims, wherein the adaptation comprises affecting the contents of the message.

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10. A method as claimed in any one of the preceding claims, wherein each message contains information about at least one of vehicle position, vehicle speed and state of the vehicle equipment.